

SCORE Search Results Details for Application 10537864 and Search Result 20070724_134246_us-10-537-864-2.rai.

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OM protein - protein search, using sw model

Run on: July 24, 2007, 14:22:59 ; Search time 78 Seconds
(without alignments)
497.972 Million cell updates/sec

Title: US-10-537-864-2
Perfect score: 1442
Sequence: 1 AASRSVAVFLGLGLQVVC.....LLDPDQDATYFGAFKVLDDID 275

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 975083 seqs, 141243105 residues

Total number of hits satisfying chosen parameters: 975083

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /EMC_Celerra_SIDS3/ptodata/1/iaa/5_COMB.pep:*
2: /EMC_Celerra_SIDS3/ptodata/1/iaa/6_COMB.pep:*
3: /EMC_Celerra_SIDS3/ptodata/1/iaa/7_COMB.pep:*
4: /EMC_Celerra_SIDS3/ptodata/1/iaa/H_COMB.pep:*
5: /EMC_Celerra_SIDS3/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /EMC_Celerra_SIDS3/ptodata/1/iaa/RE_COMB.pep:*
7: /EMC_Celerra_SIDS3/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB ID	Description
1	1317	91.3	317	2	US-08-996-139-13
2	1317	91.3	317	2	US-08-995-659-13
3	1317	91.3	317	2	US-09-215-649A-13
4	1317	91.3	317	2	US-09-052-521C-4
5	1317	91.3	317	2	US-09-577-780-13
6	1317	91.3	317	2	US-09-577-800-13
7	1317	91.3	317	2	US-09-466-496-13
8	1317	91.3	317	2	US-09-871-856-13
9	1317	91.3	317	2	US-09-871-291-13
10	1317	91.3	317	2	US-09-396-937-2
11	1317	91.3	317	2	US-09-877-650-13
12	1317	91.3	317	2	US-09-865-363-13
13	1317	91.3	317	2	US-09-688-459-13
14	1317	91.3	317	2	US-09-957-944-6
15	1317	91.3	317	3	US-09-813-329-7
16	1317	91.3	317	3	US-10-218-547A-22
17	1317	91.3	317	3	US-09-211-315A-39
18	1317	91.3	317	3	US-10-289-456-79
19	1317	91.3	317	3	US-10-460-623-11
20	1297	89.9	270	3	US-10-289-456-80

Sequence 82, Appl
Sequence 17, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 8, Appli
Sequence 81, Appl
Sequence 7, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 4, Appli
Sequence 2, Appli

ALIGNMENTS

RESULT 1

```

US-08-996-139-13
; Sequence 13, Application US/08996139
; Patent No. 6017729
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; APPLICANT: Galibert, Laurent
; APPLICANT: Maraskovsky, Eugene
; TITLE OF INVENTION: Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,139
; FILING DATE: 22 DECEMBER 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 60/064,671
; FILING DATE: 14 OCTOBER 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/813,509
; FILING DATE: 07 MARCH 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2851-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 317 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-996-139-13

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Query Match 91.3%; Score 1317; DB 2; Length 317;
Best Local Similarity 90.5%; Pred. No. 2e-134;
Matches 249; Conservative 11; Mismatches 15; Indels 0; Gaps 0;

[illegible]

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Db 163 QPFAHLTINATDIPSGSHKVSLSWYHNRGAKISNMTFSNGKLIVNQDGFYFLYANICF 222
Qy 181 RHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFK 240
Db 223 RHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFK 282
Qy 241 LRSGEISIEVSNPSLLDPDQDATYFGAFKVLDDID 275
Db 283 LRSGEISIEVSNPSLLDPDQDATYFGAFKVRDID 317

Appendix A

RESULT 2

US-08-995-659-13

; Sequence 13, Application US/08995659

; Patent No. 6242213

; GENERAL INFORMATION:

; APPLICANT: Anderson, Dirk M.

; APPLICANT: Galibert, Laurent

; APPLICANT: Maraskovsky, Eugene

; TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB

; NUMBER OF SEQUENCES: 19

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Immunex Corporation, Law Department

; STREET: 51 University Street

; CITY: Seattle

; STATE: WA

; COUNTRY: USA

; ZIP: 98101

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: Apple Power Macintosh

; OPERATING SYSTEM: Apple Operating System 7.5.5

; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/995,659

; FILING DATE: 22 DECEMBER 1997

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 60/064,671

; FILING DATE: 14 OCTOBER 1997

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/813,509

; FILING DATE: 07 MARCH 1997

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/772,330

; FILING DATE: 23 DECEMBER 1996

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Perkins, Patricia Anne

; REGISTRATION NUMBER: 34,693

; REFERENCE/DOCKET NUMBER: 2852-A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206)587-0430

; TELEFAX: (206)233-0644

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 317 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-995-659-13

Query Match 91.3%; Score 1317; DB 2; Length 317;

Best Local Similarity 90.5%; Pred. No. 2e-134;

Matches 249; Conservative 11; Mismatches 15; Indels 0; Gaps 0;

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Qy 61 TLENQDTKLIPDSCKSIKQAFRAAVQKELQHIVRSQHIRAEKAMMEGSWLEMARRGKTHT 120
Db 103 TLESQDTKLIPDSRRIRKQAFQGAQKELQHIVGSQHIRAEKAMVDGSLDLAKRSKLEA 162
Qy 121 QPFAHLTINATDIPSGSHKVSLSWYHNRGAKISNMTFSNGKLIVNQDGFYFLYANICF 180
Db 163 QPFAHLTINATDIPSGSHKVSLSWYHNRGAKISNMTFSNGKLIVNQDGFYFLYANICF 222
Qy 181 RHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFK 240
Db 223 RHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFK 282
Qy 241 LRSGEISIEVSNPSLLDPDQDATYFGAFKVLDDID 275
Db 283 LRSGEISIEVSNPSLLDPDQDATYFGAFKVRDID 317